

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/594836.app.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:09
S2	4	("20030071980"   "5525808").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:29
S3	2	"2003197517"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:30
S4	3	"2002237451"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:30
S5	0	"200300719890"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:31
S6	3	"20030071980"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:31
S7	0	"200431929"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:35
S8	4	"2004031929"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:35
S9	3	"20030204348"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:36
S10	6138	355/53.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:39
S11	3503	355/77.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 16:39
S13	4	"2004031929"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 08:24
S14	3	"04032219"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 08:31
S15	3	"05335212"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 08:33
S16	2	"2000173921"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 08:38
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S17	3	"2002237451"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 08:40
S18	3639	356/399-401.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:29
S19	2229	355/55,59,61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:30
S20	1820	356/614,615,616,620.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:32
S21	3336	700/121,51,108.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:32
S22	2386	700/121.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:32
S23	7324	250/492.1,492.2,548.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:33
S24	3815	438/7,763.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:33
S25	226	((overlay or overlap\$4) with (residual with (threshold or control \$4 or spec))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:37
S26	6138	355/53.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:37
S27	3503	355/77.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:37
S28	10045	S26 or S27 or S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:37
S29	7	S28 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:37
S30	36	((overlay or overlap\$4) with (measur\$5 or detect\$3)) same (residual with (threshold or control \$4 or spec))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:39
S31	4	((align\$4 or EGA) with (overlay or overlap\$4)) with (estimat\$3) with optimiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:48
S32	5	((align\$4 or EGA) same (overlay or overlap\$4)) same ((estimat\$3) with optimiz\$5 with (parameter or condition or setting))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:50
S33	10	((align\$4 or EGA) same (overlay or overlap\$4)) same ((estimat\$3) with optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:50

S34	168039	(align\$4) with (mark or point or site)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:52
S35	195	S22 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:53
S36	1686	(align\$4 same5 overlay) same5 optimiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:54
S37	30	S22 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 09:54
S38	45	("20010043326"   "20020046140"   "20020051125"   "20020100013"   "20020111038"   "20020175300"   "20020176096"   "20020180983"   "20030012373"   "20030022396"   "20030071980"   "20030119216"   "20030121022"   "20030204282"   "4634240"   "4635373"   "4645924"   "4669883"   "4669885"   "4834540"   "4861162"   "4886974"   "4901109"   "4958160"   "5243377"   "5586059"   "5659384"   "5682239"   "5742406"   "5847974"   "5937069"   "6124922"   "6151120"   "6154281"   "6198181"   "6223133"   "6275988"   "6311096"   "6344892"   "6470230"   "6493065"   "6559924"   "6563573"   "6607926"   "6785583").PN. OR ("7010380"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:01
S39	2	("4551015"   "5968607").PN. OR ("7089164").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:42
S40	260	(overlay same ((simulat\$3 or model\$4) with align\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:44
S41	4808	S18 or S20	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:44
S42	13020	S41 or S28	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:44
S43	17960	S23 or S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:44
S44	101740	"430"/\$.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:44
S45	117798	S44 or S43	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:45
S46	92	S40 and S45	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:45

S47	40	S40 and ((parameter or condion or setting) with optimiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 10:59
S48	14	("4962423"   "4963924"   "5049925"   "5250983"   "5329334"   "5408083"   "5440394"   "5627624").PN. OR ("5898478").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 10:59
S49	0	09/071378.app.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 11:00
S50	5	("4778275"   "6383888"   "6963389").PN. OR ("7259828"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 11:09
S51	13	("20020098707"   "20020146628"   "20020180983"   "20030074639"   "20030115556"   "20040263828"   "20050023709"   "20050136346"   "20050181571"   "20050240895"   "20060064194"   "4703434"   "6436595").PN. OR ("7184853").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/12 11:11
S52	43	overlay with (select\$3 or optimiz \$5) with (average or (standard deviation) or (standard error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:24
S53	2	"2003197517"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:30
S54	0	("5120134").PN"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:51
S55	2	"5120134".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:51
S56	5	"2170515"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:52
S57	1	"20170515"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:52
S58	3	"02170515"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:52
S59	9	"6276622"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:53
S60	0	"6276622A"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:53
S61	0	"62-76622A"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:53

S62	2	"62076622"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 11:54
S63	50694	(correct\$3) with (residu\$3 or (standard deviation) or (standard error) or average)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 12:04
S64	541	S42 and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 12:05
S65	16842	S63 same (select\$3 or exclu\$4 or determin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 12:07
S66	236	S42 and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 12:07
S67	24	S65 same (overlay and align\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 12:08
S68	61	S65 same overlay	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 12:08
S69	1	10/580179.app.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 12:21
S71	2	"2003197517"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 12:22
S72	23	(US-20030071980-\$ or US- 20030204348-\$ or US- 20040058540-\$ or US- 20050095515-\$ or US- 20030202182-\$ or US- 20030204282-\$ or US- 20020102482-\$ or US- 20030223066-\$ or US- 20030152848-\$ or US- 20050254030-\$ or US- 20050181571-\$ or US- 20030074639-\$ or US- 20040093111-\$ or US- 20040257573-\$).did. or (US- 5525808-\$ or US-5243377-\$ or US-6819426-\$ or US-5627624-\$ or US-6988060-\$ or US-6338971- \$).did. or (JP-2002237451-\$ or JP- 05335212-\$ or JP-2000173921-\$). did.	US-PGPUB; USPAT; JPO	ADJ	ON	2009/08/27 13:50
S73	2	S72 and ((average or (standard deviation or error))) with parameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 13:51
S74	13	S72 and (average or (standard deviation or error)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 14:07
S75	9	S72 and (residual or (standard deviation or error)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 15:08

S77	2	10/269984.app.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/12/09 09:16
S78	7	("10"\$1parameter model) with (AGA or EGA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/12/09 09:17
S79	3718	356/399-401.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:03
S80	10829	355/52,53,55,59,61,77.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:04
S81	1208	250/548.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:04
S82	14511	S79 or S80 or S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:14
S83	1951238	(signal or wave\$1form or (wave form)) with (measure\$3 or measur \$4 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:20
S84	841595	S83 with (chang\$3 or manipulat \$3 or adjust\$4 or control\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:25
S85	1469	S84 same ((overlay or align\$4) with (wafer or substrate or (work piece) or work\$1piece))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:26
S86	455	S82 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:26
S87	23	S85 same ((select\$3 or chos\$3 or choos\$3) with (result\$3 or measure\$4 or measur\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:29
S88	26	S85 same ((select\$3 or chos\$3 or choos\$3) with (result\$3 or measure\$4 or measur\$3 or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:29
S89	413	S85 and ((select\$3 or chos\$3 or choos\$3) with (result\$3 or measure\$4 or measur\$3 or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:30
S90	190	S89 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 14:30
S91	2	"4856905".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:13
S92	2	"09162120"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:16
S93	2	"20080160425"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:20

S94	2004420	(signal or wave\$1form or (wave form) or profile) with (measure\$3 or measur\$4 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:24
S95	57952	signal with (wave\$1form or (wave form) or profile) with (measure\$3 or measur\$4 or detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:25
S96	16760	S95 with (chang\$3 or manipulat\$3 or adjust\$4 or control\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:25
S97	27	S96 same ((overlay or align\$4) with (wafer or substrate or (work piece) or work\$1piece))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:25
S98	118	S96 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:26
S99	5	"2004103992"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:42
S100	2	"6992766".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:42
S101	5	"2006114583"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:45
S103	2	"5155557".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/01 15:48
S104	15	("4531060"   "4860374"   "4955062"   "5094539"   "5109430"   "5418613"   "5502311"   "5525808"   "5543921"   "5594549"   "6023338"   "6034378"   "6242754"   "6677601").PN. OR ("7106444").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/02 08:14
S105	1	"20020111038"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/02 08:36
S106	1	"5943638".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/02 09:19
S107	11	("4971444"   "5525808"   "5777722"   "5943638"   "5976738"   "6083807"   "6097473"   "6476388"   "6490026"   "6639677"   "7019836").PN. OR ("7576858").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/02 09:20
S109	1	09/954281.app.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 11:52
S130	10848	355/52,53,55,59,61,77.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 07:59
S131	3024	355/72-74.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:00

S132	6359	355/53.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:00
S133	3652	355/77.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:00
S134	106	S131 and S132 and S133	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:00
S135	8	S134 and ((wave\$2form or (wave form)) same (measur\$3 or measure\$4 or detect\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:02
S136	146685	((wave\$2form or (wave form)) same (measur\$3 or measure\$4 or detect\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:07
S137	5645	S136 same (optim\$3 or optimiz \$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:09
S138	1478	S137 and (align\$4 or overlay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:10
S139	12736	S130 or S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:10
S140	15	S138 and S139	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:10
S141	138040	((wave\$2form or (wave form) with (chang\$3 or adjust\$4)) same (measur\$3 or measure\$4 or detect\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:37
S142	5416	S141 same (optim\$3 or optimiz \$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:38
S143	15	S139 and S142	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/03/09 08:38

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12	26	(okita near shinichi).in.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/08/11 16:29
S76	1	"Term Removed"	US-PGPUB	ADJ	ON	2009/08/27 13:50
S110	7905	(signal with (wave\$1form or (wave form) or profile) with (measure\$3 or measur\$4 or detect\$3)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:24
S111	429	S110 and (overlay\$3 or align\$4).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:25

S113	325	S111 and (chang\$3 or manipul\$3 or adjust\$4 or control\$4).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:26
S114	6	S113 and ((measur\$3 or measure\$) with (point or mark\$3 or target)). clm. and ((calculat\$4 or determin\$3 or estimat\$3) with (error or offset)). clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:30
S115	3245	356/399-401.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:31
S116	9604	355/52,53,55,59,61,77.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:31
S117	1187	250/548.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:31
S118	12792	S115 or S116 or S117	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:31
S119	14	S118 and S113	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:31
S120	23	S118 and S111	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:32
S121	26	(okita near shinichi).in.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/02 09:32
S122	2839	((error or offset) with (calculat\$3 or determin\$5) with (second\$3 or multiple or further)) with (position \$3)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/08 14:43
S123	7919	(signal with (wave\$1form or (wave form) or profile) with (measure\$3 or measur\$4 or detect\$3)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/08 14:44
S124	30	S122 and S123	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/08 14:44
S125	3247	356/399-401.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/08 14:45
S126	9616	355/52,53,55,59,61,77.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/08 14:45
S127	1187	250/548.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/08 14:45
S128	12806	S125 or S126 or S127	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/08 14:45
S129	1	S128 and S124	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/03/08 14:45

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**3/ 10/ 2010 9:31:38 AM**

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